GEOLOGICAL REPORT

Larry A. Nicholson

COMPANY	Eternity Exploration, LLC
API #	15-101-22050
LEASE	AF Family Farms
WELL #	#1
SURVEY	990' FSL, 990' FEL
SECTION	7
TWP.	35
RGE.	31W
COUNTY	Thomas
STATE	Kansas
Hrs.Ex.	24
Spud Date	10-15-2004
Comp. Date	10-25-2004
T.D.	4780'
Elevation	KB 3101'
Contractor	Duke Drilling Co. Rig #1
Mud Type	Chemical/ Kansas Drilling Technologies

ELEVATIONS
KB 3101'
GL 3091'
KB - GL 10'
Log Measurements: KB + 2.5841

CASING RECORD
Surface Casing: 8 5/8 X 24# 703'
Production Casing: 4 1/2 X 10.5# 4780'

ELECTRICAL SURVEY Dual Porosity, Micro

FORMATION TOPS & STRUCTURAL POSITION

FORMATION					STRUCTURAL DIFF.		
					Eternity	Duke	Nicholson
Anhydrite	2047	+1054	2054	+1047	-7	-6	+1054
Base Anhydrite	2080	+1021	2088	+1013	-8	-7	+1021
Topeka	3540	-439	3545	-444	+5	+4	-439
Heebner	3968	-866	3968	-867	+1	+0	-866
Toronto	3990	-888	3990	-889	+1	+0	-888
Lansing	4018	-916	4020	-919	+3	+2	-916
Stark	4378	-1277	4379	-1278	+1	+0	-1277
BKC	4478	-1377	4479	-1378	+1	+0	-1377
Marmaton	4500	-1399	4502	-1401	+2	+1	-1399
Pawnee	4575	-1474	4577	-1476	+2	+1	-1474
Johnson	4628	-1527	4630	-1529	+2	+1	-1527
Mississ	4700	-1599	4703	-1602	+3	+2	-1599
LTD	4780	-1679	4780	-1679	+0	+0	-1679
RTD	4780	-1679	4780	-1679	+0	+0	-1679

REFERENCE WELLS: Johnny Farms - Lachenmyer #1, Sec 12-T35-R31W, 990' FSL 990' FEL, KB 3101

REMARKS & RECOMMENDATIONS

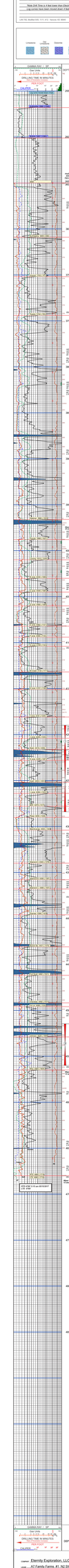
Based on mud specific show and DST results the well was P&A.

Logging tool was sticking on repeat & main run. DST was run out roads for storage.

Note DST Time is 4 test lower than Electric logs.

Log curves have been moved over 4 div.

LAS FILE Modified DST, KTI, ACO Version 3/5 2000 Total = 20 div. 5.5 ATS 20 div.= 200 cm

LEGEND

Limestone | Dolomite | Sandstone | Chert | Shale | Oolitic/Sandy Limestone | Salt | Gypsum | Anhydrite